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	APPROVAL	DISPATCH	RECOMMENDATION
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	CONCURRENCE	INFORMATION	SIGNATURE
REMARKS:			
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NPIC/IEG (1/85)  
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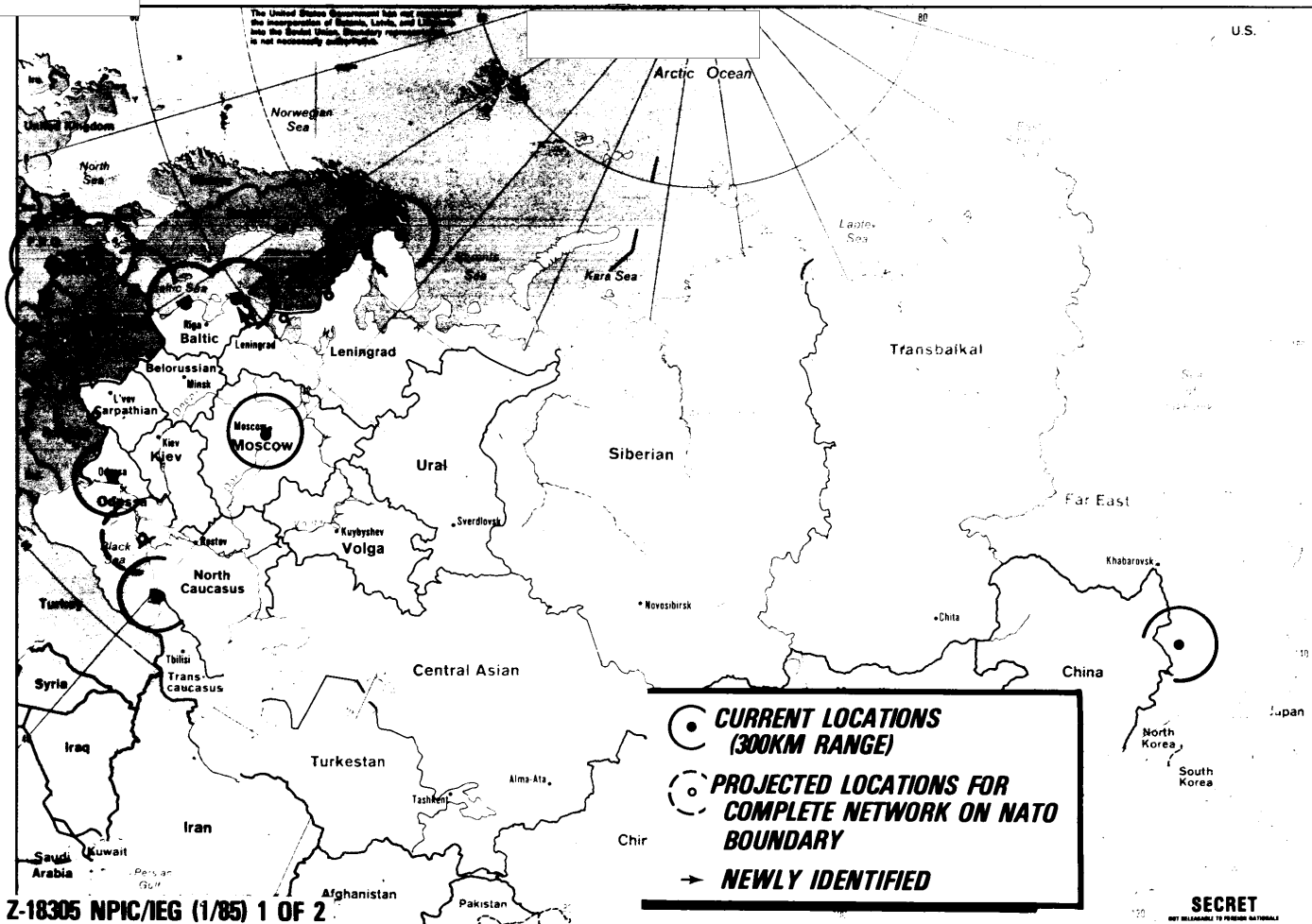
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<b>NOFORN-</b>	<b>Not Releasable to Foreign Nationals</b>
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<b>PROPIN-</b>	<b>Caution-Proprietary Information Involved</b>
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## RAMONA-M ELINT SYSTEM DEPLOYMENT USSR



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NPIC/IEG/TFD  
15 JANUARY 1985RAMONA-M ELINT SYSTEM DEPLOYMENT  
USSR (SWN)

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SIGNIFICANCE: THE SOVIETS HAVE DEPLOYED TWO MORE CZECHOSLOVAKIAN-BUILT RAMONA-M ELINT SYSTEMS ALONG THEIR NORTHWESTERN BORDER SINCE MID-1983. TWELVE RAMONA-M SYSTEMS HAVE BEEN IDENTIFIED IN THE WARSAW PACT COUNTRIES SINCE 1981.

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REMARKS: THE RAMONA-M, WHICH IS A PASSIVE RADAR INTERCEPT SYSTEM WAS IDENTIFIED NEAR THE CITY OF TALLINN ON THE BALTIC COAST, AND NORTH OF THE CITY OF ALAKURTTI ON THE FINNO-SOVIET BORDER. THE RECENT DEPLOYMENTS ARE AT LOCATIONS THAT EXPAND COVERAGE OF THE BORDER AREA Laterally FROM TWO OTHER RAMONA SYSTEMS. TEN OF THE 12 RAMONA SYSTEMS HAVE BEEN IDENTIFIED IN THE WESTERN USSR AND EASTERN EUROPE: SIX IN THE WESTERN USSR, AND ONE IN CZECHOSLOVAKIA, FORMING A PATTERN SUGGESTING THAT A CONTINUOUS RAMONA ELINT NETWORK MAY BE DEPLOYED ALONG THE WARSAW PACT/NATO BOUNDARY. SIX MORE DEPLOYMENTS WOULD BE NEEDED AT 150 TO 400 KM INTERVALS BETWEEN THE CURRENT LOCATIONS TO PROVIDE COVERAGE OF THE ENTIRE BOUNDARY (GRAPHIC 1). TWO RAMONA-M SYSTEMS (PROBABLY PROTOTYPE) HAD BEEN DEPLOYED FOR TESTING IN CZECHOSLOVAKIA PRIOR TO 1981 AND HAVE BEEN REMOVED. THE RAMONA-M SYSTEM HAS ALSO BEEN DEPLOYED IN SYRIA. (S

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LOCATION/BE NUMBER	COORDINATES	UNIT ASSOCIATION
USSR		
PECHENGA		
	69-26-05N 030-57-53E	TALL KING RADAR
	69-29-45N 031-22-10E	GRU SIGINT UNIT
	69-23-46N 030-22-34E	UNKNOWN
KOVDOR/ALAKURTTI (NEW)		
	67-35-40N 030-31-00E	TALL KING RADAR
	67-43-23N 030-35-33E	REMOTE SITE
	67-25-37N 030-24-08E	REMOTE SITE
TALLINN (NEW)		
	59-31-00N 024-50-30E	GRU SIGINT UNIT
	59-31-29N 025-08-43E	SA-3 SITE
	59-27-52N 024-27-03E	SA-3 SITE
LIEPAJA		
	56-25-11N 020-59-56E	GRU SIGINT UNIT
	56-08-46N 021-08-45E	SA-3 SITE
ODESSA		
	46-36-46N 030-46-08E	GRU SIGINT UNIT
	46-35-13N 030-57-02E	GRU SIGINT UNIT
	46-29-46N 030-34-30E	GRU SIGINT UNIT
SUKHUMI		
	42-59-40N 040-58-20E	GRU SIGINT UNIT
	43-05-45N 040-36-40E	GRU SIGINT UNIT
SHCHELKOVO		
	55-54-42N 037-56-34E	SIGINT SCHOOL

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ARTEM

(C)

43-22-26N 132-15-41E

GRU SIGINT UNIT

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CZECHOSLOVAKIA

SKARMANKA/ZVON

49-27-30N 012-45-01E

CZECH SIGINT SITE

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49-34-00N 012-37-00E

CZECH SIGINT SITE

(THE ABOVE TABLE IS CLASSIFIED SWN)

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4. COLLATERAL REFERENCE: US ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, AST-1790S-100-82, THE CZECHOSLOVAK RAMONA FOR LOCATING HOSTILE RADARS (S)

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